

The Horse.
THE PEDIGREE OF "SMUGGLER."
By *Massachusetts Pleasman.*

glorified placing before the readers of the *oughman* the pedigree of the celebrated *million*, "Smuggler," who though now in comfortable winter quarters, will remain before the public in the spring, and it will be well for your patrons to know the breeding of this horse, who no doubt will be the founder of as illustrious a family as has been the famous "Rysdyk's Hambletonian." "Smuggler's" reputation as a trotter and a faster is now world wide, and the stock from which he is descended so good.

erties of milk, and he

rials. He also can be followed through *American Eclipse* to Imported Messenger, dam being Miller's Damsel by Imported Messenger; and on both dam and sire's side "smuggler" goes to Imported Diomed through Sir Archy and Ball's Florist, both of Diomed. Who in examining carefully such a breeding as "Smuggler's" will think that for rapid trotting and staying qualities we must have strong infusions of treacherous blood?

TREMONT.

Correspondence.

the methods in common practice

...for rapid trotting and staying
which we must have strong infusions of
roughbred blood? TREMONT.

Correspondence.

AMONG THE FARMS IN EASTERN MASSACHUSETTS.

For *Massachusetts Ploughman* :
I am recent visit to the grand farm of Wil-
liam A. Russell, Esq., the well known paper
manufacturer of Lawrence, is deserving of a
extended notice than I shall be able
to give in so brief a letter.

This magnificent farm is situated on the
shores of Lake Cochichewick in North And-
over, and embraces two hundred acres of
best land. The soil is a strong loam,
a clay subsoil, and machinery can be
used on every part of the farm
and has spared no expense in improve-
ment. The farm is a fine one, and has been
in the hands of the same family for many
years.

that the season of active o

parties. All the farm land is available, and peculiarly well adapted raising.

72, Mr. George E. Brown took of the farm, since which time a grove improvement has been noticeable, especially the appearance of the stock. Mr. taste for fine stock, and his skill in management of the same has never been in this region or in New England.

rees I saw a span of Gen. Knox "Kitty" and "Frank," both natural — "Kate," an "Ethan Allen" filly.

nunity? E. W. Tang, Geo. B.

the chief object of interest at the show is the new stock just imported by Russell, consisting of a splendid Englebrecht, and a herd of nineteen cattle. "Brilliant," is from the "Royal" family of "Cleveland bays." She was purchased by Mr. John Lett in York-England, a celebrated breeder of genuine carriage horses, as well as a trainer of drivers. "Brilliant" is two years old, stands hands high, a handsome bay with white points, and weighs 1025 pounds. She

C. Smith.

from the very best herds and dairies to
and, without regard to cost, and are
praised by excellent judges the finest
ones of these cattle ever imported to
country.

It is an old notion that cattle of this breed
are either coarse or misshapen is shown to
be absurd, if by no other fact, by the
finesse, symmetry and beauty of the
rivals at "Lake Side Farm." A cow
of this land is considered almost a member
of the family. She is sheltered under the
roof, in apartments little inferior to

Sidney R. Tyler.

are twenty-seven and twenty-eight across their rumps, girth seven feet, weigh over 1500 pounds. "Lady Clay", "Lavinia" fall but little short of these. "Lady Paulowna" and "Catharine" are very promising three year olds, "Camper Down" and "Maid Marion" very remarkable two year old heifers not milk. The stock are all uniform in color and show the good judgment of Mr. Smith in selecting them, and they cannot make their mark anywhere. The

he gardener had given it w
For many years after

They are above all others the stock of the Western prairies, and particularly the cheese dairy. Mr. Brown gave up charge of the farm last April, and has devoted his whole attention to the stock. He will personally select the stock, and give any one entrusting orders to him, the care of securing the best to be had. The importation of Mr. Russell's same

WORK ARE

The problem now is, how to fasten the horn on each side on this buttress. The horn itself must, of course, be formed of horn proper, i. e., hardened hair. In the rhinoceros, we find a horn composed entirely of a solid mass of what is really a bunch of hair originated together; but this kind of hair has not been much too heavy for the rhino's convenience. What is to be done? Why hollow out the centre of the horn of course; but stay—this will not do, because the horn is to be supplied with blood. If we hollow out the centre, we are left with a shell, and if we cut through the shell, we will find inside another horn, only made of bone. If the section is made about one

OF. L. B. ARNOLD'S

great intelligence and discretion to duty in whatever direction he might be called to lie, and withal of such a unobtrusive disposition as to enjoin to all with whom he came in contact. Mr. Fletcher was born in Plymouth, and went into a printing office at the age of fourteen years to learn the trade. At the time that he was engaged in setting he worked in the same office as George Greeley, and some time since received an autograph letter from Mr. Greeley referring to those early experiences. ~~He has since worked in the same office~~ ~~engaged as a printer, in the office of~~ ~~the~~ ~~in~~ ~~the~~ ~~of the~~ ~~Christ-~~ ~~Witness for men's souls. About fifteen~~

minde of all who knew him the

This magnificent farm is situated on borders of Lake Cochichewick in North dover, and embraces two hundred acres the best land. The soil is a strong loam with clay subsoil, and machinery can worked on every part of the farm, and has spared no expense in improve- ment. At this time a barn has been built forty feet wide, and three stories in height, all of which is finished in hard pine.

LONG THE FARMS IN EAST

Editor Massachusettis Ploughman :
A recent visit to the grand farm of William A. Russell, Esq., the well known paper manufacturer of Lawrence, is deserving of a more extended notice than I shall be able to give you in so brief a letter.

This magnificent farm is situated on the borders of Lake Cochichewick in North Andover, and embraces two hundred acres of the best land. The soil is a strong loam, with clay subsoil, and machinery can be worked on every part of the farm to improve it, and has spared no expense in improving it. The farms are now in the hands of a son of the late owner, and the improvements are being made in the most judicious manner. The farms are now in the hands of a son of the late owner, and the improvements are being made in the most judicious manner. The farms are now in the hands of a son of the late owner, and the improvements are being made in the most judicious manner.

BOTTLING CIDER.

day, the 16th inst., he passed quietly away, at the age of sixty-four. He resided in Winchester, Mass., where he was a constant member of the Congregational church, and leaves a wife and several children.

TRY TO READ UNDERSTANDINGLY.

Let us study the course of that intelligent farmer to whom farming is an art, examines critically his tool before purchasing; for the quality of the steel he renews the label of some respectable firm; he rests in his own judgment. His selection is an implement not over wide, having

for ten or twelve hours to produce a solution of carbonic acid gas. The

to study him at work. With many, hoeing is merely a rising and falling of the element, or what may be called a chop-stroke, with force sufficient to cut up weeds. Our farmer has not only an up and down stroke, but a swinging, half circular one, that from its effects may be called a ring or knife stroke; and, moreover, his sweeping strokes are made at an angle varying with the kind and size of the weeds. There is a capital axiom that he has adopted—that weed hoeing has two ends in view, viz., to kill the weeds then growing and to do this in such a manner as to prevent, so far as he can, the seed in the ground from

Nickerson & Brothers. This

tion, a new crop may start. The surface is, therefore, disturbed; the surface is rough enough to kill the weeds; his work presents a roughness of the roughness of the bungalow, who takes vast amounts of strength in roughing up the surface that takes up weeds by the roots. The front of him, but to leave them replanted the rear of him, while he so disturbs the surface of the soil that the seeds therein are brought sufficiently near the surface to germinate. Some one should ask, is not one great object to loosen the soil? he replies, "Certainly at times; but we are now discussing hoeing as a mere breeding process."—*Agriculture*
New York Herald.

ere either coarse or misshapen is a



While "Camper Down" and "Maid

[illegible]

and any one entrusting orders to

